



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: SA03007CE

This certificate issued to: Embraer Engineering & Technology Center, USA, Inc.  
1400 General Aviation Drive  
Melbourne, FL 32935

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: A59CE      Make: Embraer S.A.

Model: EMB-500

## Description of Type Design Change:

Installation of Rockwell Collins Automatic Direction Finder (ADF) model ADF-462 in accordance with Master Document List Number TR0083, Revision N, dated September 21, 2017, or later FAA approved revision. This STC was originally issued as a validation of Brazilian CST (STC) No. 2009S05-07 (May 21, 2009), and transferred to a United States based Design Approval Holder (DAH) on July 17, 2019.

## Limitations and Conditions:

1. The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.
2. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*Continued on Page 3*

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of Application: 8/31/2018

Date Reissued: 07/17/2019

Date of Issuance: 10/23/2018

Date Amended:

By Direction of the Administrator

Signature \_\_\_\_\_

Title: (for) Christina M. Underwood  
Manager, Atlanta ACO Branch

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

*Transfer Endorsement*

*Transfer the ownership of Supplemental Type Certificate Number:* SA03007CE

**To** (Name and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

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# Supplemental Type Certificate

(Continuation Sheet)

STC Number: SA03007CE

*Limitations and Conditions:* (Continued from Page 1)

3. Operation must be performed in accordance with ANAC approved Airplane Flight Manual Supplement (AFMS), document number H.02-2902-0/ANAC/2009, Revision A, dated January 18, 2010 or later FAA approved revision.
4. Instructions for Continued Airworthiness (ICA), Document Number ICA-003, Revision E, dated June 15, 2017 or later FAA accepted revision is required for this installation.
5. Required Markings and Placards must be installed in accordance with Master Drawing List Document Number TR0085, Revision F, dated September 21, 2017 or later FAA approved revision.
6. A copy of this Certificate and the Supplement referred to in item 3 above shall be maintained as part of the permanent records of the modified aircraft.
7. Prior ANAC and/or FAA accepted or approved versions of the aforementioned documents can be used to sustain existing installations.

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